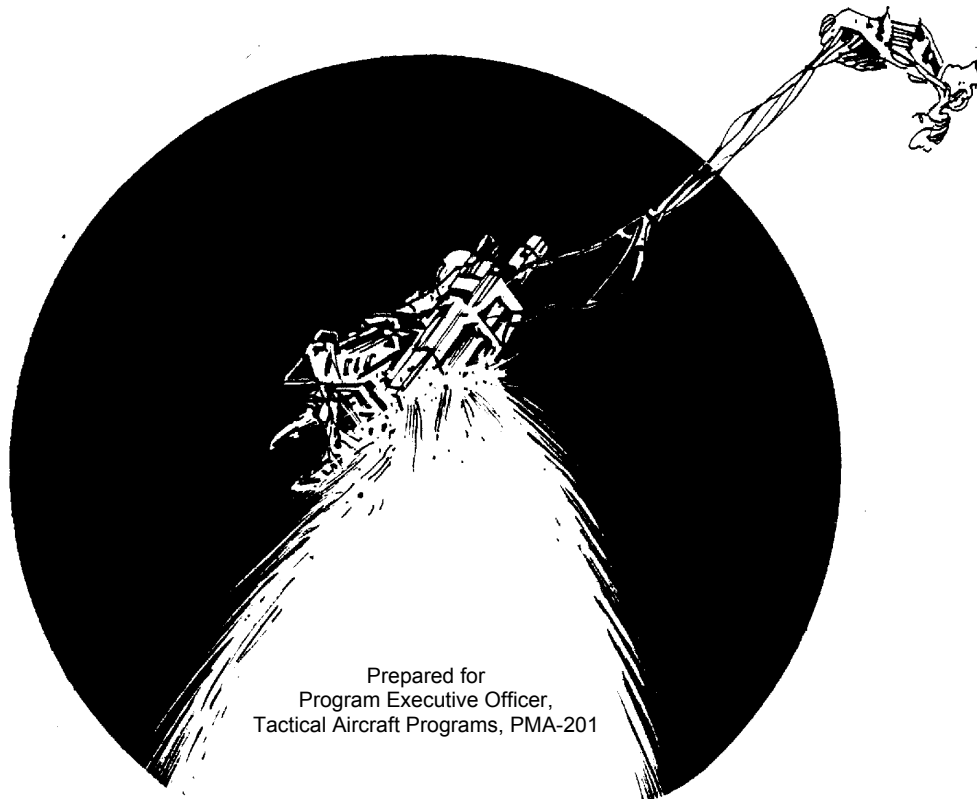


LOGISTICS MANAGEMENT REPORT FOR U.S. NAVY PROPELLANT-ACTUATED DEVICES (PAD)

M.P. Audley



Prepared for
Program Executive Officer,
Tactical Aircraft Programs, PMA-201



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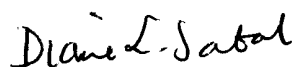
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13. ABSTRACT (Maximum 200 words) This report is prepared to summarize the status of propellant-actuated device (PAD) stocks, to detail the logistics support given or required for aircraft escape system changes, and to highlight other matters pertaining to U.S. Navy PAD logistics support and acquisition management. The subject report also serves as a reference source for general PAD information.				
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FOREWORD

The Indian Head Division, Naval Surface Warfare Center, Indian Head, MD, is the cognizant field activity (CFA) for U.S. Navy propellant-actuated devices (PAD). The PAD Engineering Division (Code 510) at Indian Head is delegated the responsibility of maintenance engineering for PAD devices by PEO (W) PMA-201. The logistics management report is prepared by Mike Audley (Code 5110H) to summarize the status of Navy PAD stocks, detail the logistics support given or required for aircraft escape system changes, and highlight other matters pertaining to Navy PAD logistics support and acquisition management. The subject report also serves as a reference source for general Navy PAD information.

Anyone desiring to make inquiries about the material covered herein or to receive subsequent editions of this semiannual report should contact Mike Audley (Code 5110H), DSN 354-2105 or commercial line 301-744-2105.



Diane L. Sabal
Manager, PAD Branch

Approved and released by:



C.A. Pflieger
Director, AEPS/PAD Engineering Division

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INTEGRATED LOGISTICS SYSTEM NOTES

NAVAIR 11-100-1.1-CD Electronic Technical Manual

Basic Issued Dtd 1 February 2001, IRAC 10 Dtd 23 June 00, IRAC 12 Dtd 6 October 00, IRAC 13 Dtd 21 November 2000, IRAC 14 Dtd 20 December 2000, IRAC 15 Dtd 25 June 2001, IRAC 16 Dtd 24 July 2001, IRAC 17 Dtd 1 August 2001, IRAC 18 Dtd 11 September 2001, IRAC 19 Dtd 17 January 2002, IRAC 20 Dtd 29 January 2002, IRAC 21 Dtd 7 March 2002, IRAC 22 Dtd 28 June 2002, IRAC 23 Dtd 26 July 2002, IRAC 24 Dtd 18 September 2002, IRAC 25 Dtd 08 October 2002, IRAC 26 Dtd 29 October 2002, IRAC 27 Dtd 16 December 02, IRAC 28 Dtd 14 February 03, IRAC 29 Dtd 9 April 03, IRAC 30 Dtd 1 May 03, IRAC 31 Dtd 12 June 03.

Production Lot Designation Change

All assets now entering the stock system will have ammunition lot numbers per MIL-STD-1168. An illustration is given below:

IHM01A002-001

a b c d e

- a = Manufacturer's identification symbol
- b = Two-digit numeric code identifying the year of production of the oldest propellant batch used in the propellant actuated device (PAD) lot
- c = Single alpha code signifying the month of production of the oldest propellant batch used in the PAD lot
- d = Lot interfix number (controlled by Indian Head Division, Naval Surface Warfare Center, Indian Head, MD 20640-5035)
- e = Lot sequence number.

PAD Spares Policy

Because PAD assets are limited and are not allocated items, refer to NAVSURFWARCENDIV Indian Head Naval Message 121339Z October 2000 for the Management Policy on CAD/PAD.

Corrosion

The service life for PAD devices is determined by an extensive type-life and ordnance evaluation test program. Corrosion is considered to be a maintenance discrepancy reportable via a safety report or quality deficiency report in accordance with OPNAVINST 8600.2. Corrosion is not a criterion for reducing the service life of an entire lot or specific type of PAD device, but should be reported on a case-by-case basis.

PAD INVENTORY

The following section contains information concerning the Navy PAD devices utilized in U.S. Navy and Marine Corps aircraft. Each aircraft is reported separately. The PAD devices are listed under their respective ejection seat configurations. In general, each PAD device is identified as to national stock number, Department of Defense identification code/Navy ammunition logistics code (DODIC/NALC), service life, and quantity per aircraft. The serviceable inventory is reported, with both production lot quantities and quantities per lot installed in aircraft. Quantities installed in aircraft are from the CAD/PAD Traceability System (CATS). These inventories of installed assets conducted in cooperation with type commanders and aircraft manufacturers are compiled at Indian Head. Lot quantity figures indicate the amount delivered by a contractor for Navy use/Navy stock.

The following color code applies to each lot table per aircraft type:

Red = Lot expiring in the next 6 months.

Dark Red = Lot that has expired in last 6 months.

Blue = Lot is on a world-wide service life extension.

Green = A new mod change and affected lots from that change.

Violet = The service life of this unit has been increased since we last published this report.

Propellant-Actuated Devices*[As of 30 June 2003]*

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Rocket Catapults					
MK 12 Mod 1 ¹	1377-00-276-2364	MC77	OV-10A	2	120/10
Mk 16 Mod 1 ²	1377-01-040-9324	MD72	TA-4J	2	156/13
			S-3B	4	156/13
Mk 18 Mod 0 ¹	1377-00-250-0206	M941	T-2C	2	120/10
CKU-7A ^{1,2}	1377-00-125-7777	MS15	F-5E	1	120/10
			F-5F	2	120/10
			T-38A	2	120/10
CKU-5B/A	1377-01-169-7797	MT47	F-16A	1	48/4
			F-16B	2	48/4
Man/Seat Separators					
Mk 82 Mod 0 ^{1,2}	1377-00-119-2022	M928	TA-4J	1	192/16
			S-3B	2	192/16
Mk 82 Mod 1 ^{1,2}	1377-01-412-6530	MU76	TA-4J	1	84/7
			S-3B	2	84/7
Mk 90 Mod 0 ^{1,2}	1377-00-201-9554	MC51	S-3B	2	192/16
Mk 90 Mod 1 ^{1,2}	1377-01-412-6462	MU75	S-3B	2	84/7
Yaw Thrusters					
Mk 83 Mod 0 ^{2,3}	1377-00-119-2031	M929	S-3B	2	84/7
Mk 85 Mod 0 ^{2,3}	1377-00-119-2045	M932	S-3B	2	84/7
Vernier					
Mk 84 Mod 2 ^{2,4}	1377-01-199-8315	MF57	S-3B	4	156/13
P/N 50436-11	1377-01-255-1650	MT32	F-16A	1	120/10
			F-16B	2	120/10
Seatback Rocket					
Mk 79 Mod 1/2 ^{1,4}	1377-01-069-1787	MF21	AV-8B	2	132/11
			TAV-8B	4	132/11
WORD/Drogue Assembly					
Mk 113 Mod 0/1 ^{2,4}	1377-01-149-3516	MG67	AV-8B	1	96/8
			TAV-8B	2	96/8
Catapult Cartridge					
Mk 205 Mod 1/2 ⁴	1377-01-138-3829	XW36	AV-8B	1	96/8
			TAV-8B	2	96/8
Underseat Rocket Motor					
Mk 74 Mod 0 ⁵	1377-00-181-9532	M572	F-14A/B, NF-14A/B	1	240/20
Mk 74 Mod 1 ¹	1377-01-246-5282	M572	F-14A/B, NF-14A/B	1	240/20
Mk 75 Mod 0 ⁵	1377-00-181-9533	M573	F-14A/B, NF-14A/B	1	240/20
Mk 75 Mod 1 ¹	1377-01-246-5283	M573	F-14A/B, NF-14A/B	1	240/20
Mk 86 Mod 0 ⁵	1377-00-201-9543	M938	EA-6B	2	240/20
Mk 86 Mod 1 ¹	1377-01-246-5286	M938	EA-6B	2	240/20
Mk 87 Mod 0 ⁵	1377-00-201-9545	M939	EA-6B	1	240/20
Mk 87 Mod 1 ¹	1377-01-246-5287	M939	EA-6B	1	240/20
Mk 88 Mod 0 ⁵	1377-00-201-9533	M940	EA-6B	1	240/20

See footnotes at end of table.

Propellant-Actuated Devices—Continued

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Mk 88 Mod 1 ¹	1377-01-246-5288	M940	EA-6B	1	240/20
Mk 92 Mod 1 ¹	1377-01-036-8514	M933	QF-4N, QF-4S	2	192/16
Mk 100 Mod 0⁵	1377-01-039-2927	MD68	FA-18A/C/B/D	1	216/18
Mk 101 Mod 0⁵	1377-01-039-2928	MD69	FA-18B/D/E	1	216/18
Mk 123 Mod 0 ^{2,5}	1377-01-246-5280	MT30	F-14D	1	180/15
			FA-18D/F	1	180/15
			T-45A/C	1	180/15
Mk 124 Mod 0 ^{2,5}	1377-01-246-5281	MT31	F-14D	1	180/15
			FA-18C/D/E/F	1	180/15
			T-45A/C	1	180/15
Canopy Remover Rocket Motor					
Mk 109 Mod 0 ^{2,4}	1377-01-101-1443	MF56	FA-18A/C/B/D/E/F	2	132/11
Mk 109 Mod 1 ^{2,4}	1377-01-454-9321	SS67	FA-18A/C/B/D/E/F	2	132/11
P/N J114716-1	1377-01-057-5431	ME80	F-16A	1	84/7
			F-16B	1	84/7
P/N J114716-501	1377-01-058-5431	ME81	F-16A	1	84/7
			F-16B	1	84/7
Rocket Motor Divergence					
Mk 121 Mod 0 ^{2,3}	1377-01-242-8859	MT28	TAV-8B	4	84/7
P/N 1143-3 ³	1377-01-053-0587	MD99	F-16A	1	108/9
			F-16B	2	108/9
Parachute Deployment Rocket Motor					
Mk 122 Mod 0 ^{2,5}	1377-01-246-5279	MT29	F-14D	2	84/67 ⁶
			FA-18C/D/E/F	2	84/7 ⁶
			T-45A/C	2	84/7 ⁶
			All lots from 1998 to present		120/10

¹NAVSURFWARCENDIV, Indian Head (IH).²Universal Propulsion Company (UPC).³Pacific Scientific.⁴Talley Defense Systems (TAC).⁵Martin-Baker Aircraft Co., Ltd. (MBA).⁶All lots manufactured in 1998 and after are extended to 120/10; all others remain 84/7.

TA-4J AIRCRAFT

Douglas ESCAPAC 1G-3 Ejection Seats

1. Rocket Motor Mk 82 Mod 0/1 (Man/Seat Separator, Left)
 - a. NSN: Mod 0 1377-00-119-2022/Mod 1 1377-01-412-6530
 - b. DODIC: M928/MU76
 - c. Service life: Mod 0: 192 months (16 years); Mod 1: 84 months (7 years)
 - d. Rocket motor WUC: Mod 0 97D11/Mod 1 97D12
 - e. Two per TA-4J aircraft.



Lot No.	Lot quantity	T-4J	Total units installed	Service life expiration date
UPC93B001-021	391	10	10	February 2009
UPC94C001-022	25	0	0	March 2010
UPC99F001-003A²	10	0	0	June 2006
UPC00E001-004²	90	0	0	May 2007
IHM00B002-006^{2,3}	14	0	0	February 2007
Total installed:		10		
Grand total installed:			10	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **These lots of Mk 82 Mod 1 Man/Seat Separator Rocket Motors can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 82 Mod 0 (M928) unit. Mod 0 units will still be issued until stock is exhausted.**
3. **Indian Head has changed its manufacturer's identification symbol from IH to IHM.**
4. **The following lot has expired since the last publication of this report:**

UPC86K001-017 October 2002
5. The next lot scheduled to expire will expire in June 2006.
6. We have not received any Mk 82 Mod 0 (M928) conventional ordnance deficiencies or EIs on the TA-4 aircraft since last publication of this report.

2. Rocket Catapult Mk 16 Mod 1

- a. NSN: 1377-01-040-9324
- b. DODIC: MD72
- c. Service life: 156 months (13 years)
- d. Rocket motor WUC: 97D44
- e. Two per TA-4 series aircraft.



Lot No.	Lot Quantity	TA-4J	Total units installed	Service life expiration date
UPC90H004-028	69	0	0	August 2003
UPC93B004-031	14	2	2	February 2006
UPC97B001-032	7	0	0	February 2010
UPC99J001-034	173	0	0	September 2012
UPC99L001-035	183	5	5	November 2012
UPC02C002-036	172	0	0	March 2015
Total installed:		14		
Grand total installed:			14	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**

UPC90B004-026	February 2003
UPC90G004-027	March 2003
3. **The next lot scheduled to expire will expire in August 2003.**
4. We have not received any Mk 16 Mod 1 (MD72) conventional ordnance deficiencies or EIs on the TA-4 aircraft since last publication of this report.

AV/TAV-8B AIRCRAFT**Stencel SJU-4A AV-8B****Stencel TAV-8B SJU-13/A Fwd, SJU-14A Aft**

1. Seatback Rocket Motor Mk 79 Mod 1/2

- a. NSN: 1377-01-069-1787
- b. DODIC: MF21
- c. Service life: 132 months (11 years)
- d. Rocket motor WUC: 97D1M
- e. Two per AV-8B aircraft, four per TAV-8B aircraft.



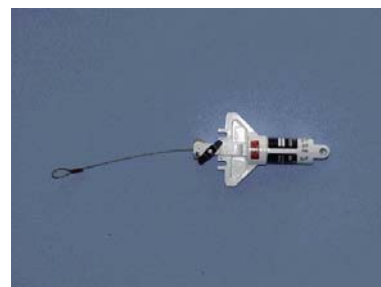
Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service life expiration date
TAC92H001-055	88	0	0	0	0	August 2003
TAC93L001-056	18	2	0	0	2	November 2004
TAC97D001-001²	135	57	0	18	75	April 2008
TAC97J002-001²	171	126	2	20	148	September 2008
TAC99H002-002²	261	27	0	6	33	August 2010
IH-98A003-002	110	48	0	16	64	January 2009
IH-99M002-003	50	2	0	0	2	December 2010
TAC00L002-003²	30	0	0	0	0	November 2011
TAC01E002-004²	80	0	0	0	0	May 2012
TAC00E002-005²	16	0	0	0	0	May 2012
Total installed:		262	2	60		
Grand total installed:					324	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIV has qualified and released a Mk 79 Mod 2 (MF21) Seatback Rocket Motor. This new unit can be used in all applications in which the Mod 1 unit is currently being used. The Mod 2 is a one-for-one exchange with the Mk 79 Mod 1 (MF21) unit.**
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in August 2003.**
- We have not received any Mk 79 Mod 1 (MF21) conventional ordnance deficiencies or EIs on the AV-8 aircraft since the last publication of this report.

2. WORD Rocket Motor/Drogue Release Assembly Mk 113 Mod 0/1

- a. NSN: 1377-01-149-3516
- b. DODIC: MG67
- c. Service life: 96 months (8 years)
- d. Rocket motor WUC: 97D3C
- e. One per AV-8B aircraft, two per TAV-8B aircraft.



Lot No.	Lot Quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service life expiration date
UPC99D001-001	237	129	1	30	160	April 2007
UPC00G001-002	32	6	0	0	6	July 2008
TAC98M003-001²	64	7	0	0	7	December 2006
TAC00J004-003²	30	0	0	0	0	September 2008
TAC01H004-004²	7	0	0	0	0	August 2009
Total installed:		142	1	30		
Grand total installed:					173	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIV has qualified and released a Mk 113 Mod 1 (MG67) WORD Rocket Motor/Drogue Release Assembly. This new unit can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 113 Mod 0 (MG67) unit.**
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in December 2006.
- We have not received any Mk 113 Mod 0 (MG67) conventional ordnance deficiencies or EIs on the AV-8 aircraft since the last publication of this report.

3. Catapult Cartridge Mk 205 Mod 1/2

- a. NSN: 1377-01-138-3829
- b. DODIC: XW36
- c. Service life: 96 months (8 years)
- d. Rocket motor WUC: 97D34
- e. One per AV-8B aircraft, two per TAV-8B aircraft.



Lot No.	Lot Quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service life expiration date
TAC95G001-002	112	23	0	3	26	July 2003
TAC95J001-003	69	19	0	0	19	September 2003
TAC96A001-004	36	10	0	17	27	January 2004
TAC98M002-001²	77	36	0	17	53	December 2006
TAC98M002-002²	50	38	1	5	44	December 2006
TAC00B002-003A²	60	3	0	0	3	February 2008
TAC01B002-004²	126	0	0	0	0	February 2009
TAC01G002-006²	24	0	0	0	0	February 2009
Total installed:		129	1	42		
Grand total installed:					172	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIV has qualified and released a Mk 205 Mod 2 (XW36) Catapult Cartridge. This new unit can be used in all applications in which the Mod 1 unit is currently being used. The Mod 2 is a one-for-one exchange with the Mk 205 Mod 1 (XW36) unit.**
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in July 2003.**
- We have not received any Mk 205 Mod 1 (XW36) conventional ordnance deficiencies or EIs on the AV-8 aircraft since the last publication of this report.

4. Rocket Motor Divergence Mk 121 Mod 0

- a. NSN WUC: 93046
- b. Four per T: 1377-01-242-8859
- c. DODIC: MT28
- d. Service life: 84 months (7 years)
- e. Rocket motor AV-8B aircraft.



Lot No.	Lot quantity	TAV-8B	Total units installed	Service life expiration date
ESD00A001-001⁵	86	54	54	January 2007
Total installed:		54		
Grand total installed:			54	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**
UPC95H001-019 August 2002
3. The next lot scheduled to expire will expire in January 2007.
4. We have not received any Mk 121 Mod 0 (MT28) conventional ordnance deficiencies or EIs on the TAV-8 aircraft since last publication of this report.
5. **We have qualified Pacific Scientific (ESD) as a manufacturer.**

EA-6B AIRCRAFT

Martin-Baker Mk GRUEA7 Ejection Seats

1. Underseat Rocket Motor Mk 86 Mod 0 and Mod 1
 - a. NSN: 1377-00-201-9543 (Mod 0), 1377-01-246-5286 (Mod 1)
 - b. DODIC: M938 (Mod 0), M938 (Mod 1)
 - c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
 - d. Rocket motor WUC: 97D3M Mod 0 and Mod 1
 - e. Two per aircraft (Pilot/ECMO-3).



Lot No.	Lot Quantity	EA-6B	Total units installed	Service life expiration date
MBA84B001-013	12	3	3	February 2004
MBA85E001-015	16	13	13	May 2005
MBA85E001-017	24	22	22	May 2005
MBA85H001-018	32	31	31	August 2005
MBA86J001-021	24	23	23	September 2006
UPC86J001-001(A) or (B)	37	20	20	September 2006
MBA86J001H020	27	41	41	September 2006
MBA88B001H023	7	2	2	February 2008
MBA88E001-027	22	13	13	June 2008
MBA89F001-030	24	16	16	June 2009
IH-94L002-003A	76	46	46	November 2014
Total installed:		230		
Grand total installed:			230	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**
MBA83A001-011 January 2003
3. The next lot scheduled to expire will expire in February 2004.
4. We have not received any Mk 86 Mod 0/1 (M938) conventional ordnance deficiencies or EIs on the EA-6B aircraft since the last publication of this report.

2. Underseat Rocket Motor Mk 87 Mod 0 and Mod 1

- a. NSN: 1377-00-201-9545 (Mod 0), 1377-01-246-5287 (Mod 1)
- b. DODIC: M939 (Mod 0), M939 (Mod 1)
- c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
- d. Rocket motor WUC: 97D3N Mod 0 and Mod 1
- e. One per aircraft (ECMO-1).



Lot No.	Lot quantity	EA-6B	Total units installed	Service life expiration date
MBA84B001-013	6	4	4	February 2004
MBA85E001-015	8	6	6	May 2005
MBA85E001-017	12	10	10	May 2005
MBA85H001-018	25	22	22	August 2005
MBA86J001H020	21	30	30	September 2006
MBA86J001-021	12	11	11	September 2006
UPC86J001-001(A) or (B)	25	6	6	September 2006
MBA88B001H023	5	6	6	February 2008
MBA88E001-025	11	0	0	May 2008
MBA88E001-028	10	6	6	May 2008
MBA88H001H029	1	1	1	August 2008
MBA88E001-030	12	7	7	May 2008
MBA89F001-031	11	0	0	June 2009
IH-94L002-003A	26	6	6	November 2014
Total installed:		115		
Grand total installed:			115	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**
MBA83A001-011 January 2003
3. The next lot scheduled to expire will expire in February 2004.
4. We have not received any Mk 87 Mod 0/1 (M939) conventional ordnance deficiencies or EIs on the EA-6B aircraft since the last publication of this report.

3. Underseat Rocket Motor Mk 88 Mod 0 and Mod 1

- a. NSN: 1377-00-201-9551 (Mod 0), 1377-01-246-5288 (Mod 1)
- b. DODIC: M940 (Mod 0), M940 (Mod 1)
- c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
- d. Rocket motor WUC: 97D3P Mod 0 and Mod 1
- e. One per aircraft (ECMO-2).



Lot No.	Lot quantity	EA-6B	Total units installed	Service life expiration date
MBA84B001-013	6	1	1	February 2004
MBA85E001-015	8	6	6	May 2005
MBA85E001-017	12	13	13	May 2005
MBA85H001-018	31	16	16	August 2005
MBA86J001-021	13	11	11	September 2006
MBA88B001H023	6	0	0	February 2008
MBA88E001025	11	12	12	May 2008
MBA88E001-027	12	0	0	May 2008
MBA89F001-030	13	7	7	May 2009
IH-94L002-003A	33	30	30	November 2014
IH-94L002-004	25	1	1	November 2014
MBA00L002-031	46	18	18	November 2020
Total installed:		115		
Grand total installed:			115	

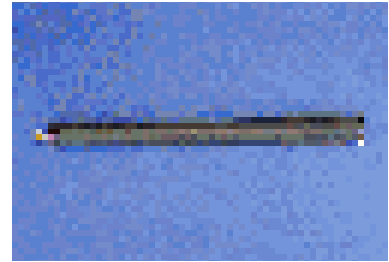
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**
MBA83A001-011 January 2003
3. The next lot scheduled to expire will expire in February 2004.
4. We have not received any Mk 88 Mod 0/1 (M940) conventional ordnance deficiencies or EIs on the EA-6B aircraft since the last publication of this report.

F-5E/F-T-38A AIRCRAFT**Northrop Improved Ejection Seat
Assembly Number 14-70202-505**

1. Rocket Catapult CKU-7A

- a. NSN: 1377-00-125-7777
- b. DODIC: MS15
- c. Service life: 120 months (10 years)
- d. Rocket catapult WUC: 97ABA
- e. One per F-5E aircraft, two per F-5F aircraft, two per T-38 aircraft.



Lot No.	Lot quantity	F-5E	F-5F	T-38A	Total units installed	Service life expiration date
IH-95E001-046	8	4	2	0	6	May 2005
IH-96H001-048	5	0	0	2	2	August 2006
IH-98F001-049	21	16	0	5	21	August 2006
IHM00C001-051	46	11	5	7	23	March 2010
IHM00E001-052	22	1	0	4	5	May 2010
Total installed:		32	7	18		
Grand total installed:					57	

ILS Notes:

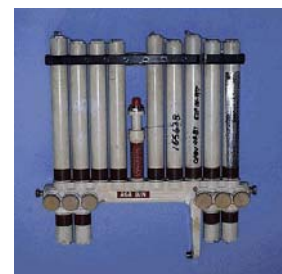
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in May 2005.
4. We have not received any CKU-7A (MS15) conventional ordnance deficiencies or EIs on the F-5 or T-38 aircraft since the last publication of this report.

F-14A/B AND NF-14A AIRCRAFT

Martin-Baker Mk GRU-7A Ejection Seats

1. Underseat Rocket Motor Mk 74 Mod 0 and Mod 1

- a. NSN: 1377-00-181-9532 (Mod 0), 1377-01-246-5282 (Mod 1)
- b. DODIC: M572 (Mod 0), M572 (Mod 1)
- c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
- d. Rocket motor WUC: 97D1R Mod 0 and Mod 1
- e. One each per aircraft (pilot).



Lot No.	Lot quantity	F-14A	F-14B	Total units installed	Service life expiration date
MBA84B001-013	24	3	3	6	February 2004
MBA85E001-015	18	1	5	6	May 2005
MBA85E001-017	18	1	12	13	May 2005
MBA85H001-018	126	15	18	33	August 2005
UPC86J001-001A (or) B	25	1	3	4	September 2006
MBA88B001-024	15	0	8	8	February 2008
MBA88H001-026	6	2	1	3	August 2008
IH-94L002-003A	23	7	5	12	November 2014
IHM94L002-004	15	6	4	10	November 2014
IHM94L002-005		2	0	2	November 2014
Total installed:		38	59		
Grand total installed:				97	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**
MBA83A001-011 January 2003
3. The next lot scheduled to expire will expire in February 2004.
4. We have not received any Mk 74 Mod 0/1 (M572) conventional ordnance deficiencies or EIs on the F-14A/B aircraft since last publication of this report.

2. Underseat Rocket Motor Mk 75 Mod 0 and Mod 1

- a. NSN: 1377-00-181-9533 (Mod 0), 1377-01-246-5283 (Mod 1)
- b. DODIC: M573 (Mod 0), M573 (Mod 1)
- c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
- d. Rocket motor WUC: 97D3J Mod 0 and Mod 1
- e. One per aircraft (NFO).



Lot No.	Lot quantity	F-14A	F-14B	Total units installed	Service life expiration date
MBA84B001-013	24	2	3	5	February 2004
MBA85E001-015	18	2	7	9	May 2005
MBA85E001-017	18	0	13	13	May 2005
MBA85H001-018	134	18	15	33	August 2005
UPC86J001-001A (or) B	25	4	0	4	September 2006
MBA88B001-024	13	0	7	7	February 2008
MBA88H001-026	5	0	2	2	August 2008
IH-94L002-003A	22	3	9	12	November 2014
IHM94L002-004	12	5	1	6	November 2014
IHM94L002-005		3	0	3	November 2014
Total installed:		37	57		
Grand total installed:				94	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lot has expired since the last publication of this report:**
MBA83A001-011 January 2003
3. The next lot scheduled to expire will expire in February 2004.
4. We have not received any Mk 75 Mod 0/1 (M573) conventional ordnance deficiencies or EIs on the F-14A/B aircraft since last publication of this report.

F-14D AND NF-14D AIRCRAFT

SJU-17/(V)3/A (Forward Seat) and SJU-17/(V)4/A (Aft Seat)

1. Parachute Deployment Rocket Motor Mk 122 Mod 0
 - a. NSN: 1377-01-246-5279
 - b. DODIC: MT29
 - c. Service life: 84 months (7 years), 120 months (10 years)
 - d. Rocket motor WUC: 97D4A
 - e. Two each per aircraft (pilot and MCO).



Lot No.	Lot quantity	F-14D	Total units installed	Service life expiration date
UPC97H003-005	192	24	24	August 2004
MBA98J004-014 ⁴	300	25	25	September 2008
MBA99J004-016 ⁴	206	4	4	September 2009
MBA00F004-017 ⁴	257	2	2	June 2010
UPC01E005-001 ⁴	271	0	0	May 2011
Total installed:		55		
Grand total installed:			55	

ILS Notes

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**
 - UPC94C003-004 March 2003**
 - MBA96C003-013 March 2003**
3. The next lot scheduled to expire will expire in August 2004.
4. We have received a CODR on stirrups installed incorrectly on a Mk 122 Mod 0 (MT29) Parachute Deployment Rocket Motor (lot UPC01E005-001). The stirrup links are making contact with the ejection seat main beam, thus making it impossible to connect the parachute withdrawal line. We have contacted the activity and requested photos. We will request that the unit be returned for an engineering investigation. We are pulling sample Condition Code "A" units from the same lot for inspection. The manufacturer has also been contacted and is in the process of verifying this condition with their x-rays.

2. Underseat Rocket Motor Mk 123 Mod 0 (front)

- a. NSN: 1377-01-246-5280
- b. DODIC: MT30
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D4B
- e. One per aircraft (pilot).



Lot No.	Lot quantity	F-14D	Total units installed	Service life expiration date
MBA89F001-003	31	0	0	June 2004
MBA89F001-005	16	0	0	June 2004
MBA90H001-006	35	12	13	August 2004
MBA90H001-007	6	0	0	August 2004
MBA90K001-008	50	8	8	October 2004
UPC90L001H001B	17	1	1	November 2005
MBA91J001-009	21	4	4	September 2006
UPC91K001H002A	14	2	2	October 2006
MBA92C001-010	10	0	0	March 2006
UPC93E002H005	27	22	22	May 2008
MBA93F002-011	54	9	9	June 2008
UPC94B003H006	80	6	6	February 2009
MBA95C003-012	236	3	3	March 2010
MBA96C003-013	71	0	0	March 2011
MBA97G003-014	33	1	1	July 2012
MBA98J003-017	33	0	0	September 2013
MBA99H003-019	53	0	0	August 2014
MBA01A003-020	47	0	0	January 2016
MBA01E003-024	277	0	0	May 2016
Total installed:		68		
Grand total installed:			68	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire will expire in June 2004.
- We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or EIs on the F-14D aircraft since the last publication of this report.

3. Underseat Rocket Motor Mk 124 Mod 0 (rear)

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D48
- e. One per F-14D and NF-14D aircraft (NFO).



Lot No.	Lot Quantity	F-14D	Total units installed	Service life expiration date
MBA89F001-004	57	0	0	June 2004
MBA89F001-005	7	0	0	June 2004
MBA90H001-006	68	12	12	August 2005
MBA90H001-007	36	0	0	August 2005
MBA90K001-008	91	12	12	October 2005
UPC90L001H001B	36	1	1	November 2005
MBA91J001-009	34	1	1	September 2006
UPC91K001H002A	29	1	1	October 2006
UPC91K001H003	6	0	0	October 2006
MBA92C001-010	27	0	0	March 2007
UPC93D002H004	62	1	1	April 2008
MBA93F002-011	104	8	8	June 2008
UPC94C003H005	142	2	2	March 2009
MBA95C003-012	165	6	6	March 2010
MBA96C003-013	71	0	0	March 2011
MBA97G003-014	70	2	2	July 2012
MBA98J003-017	66	0	0	September 2013
MBA99H003-019	84	0	0	August 2014
MBA01A003-020	76	0	0	January 2016
Total installed:		46		
Grand total installed:			46	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire will expire in June 2004.
- We have not received any Mk 124 Mod 0 (MT31) conventional ordnance deficiencies or EIs on the F-14D aircraft since the last publication of this report.

**F-16A/B AIRCRAFT
ACES II Seats
General Dynamics**

1. Canopy Remover Rocket Motor (Right Side)

- a. NSN: 1377-01-057-5431
- b. DODIC: ME80
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97CHO
- e. One per F-16A/B

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service life expiration date
UPC00D001-002	14	10	4	14	April 2007
Total installed:		10	4		
Grand total installed:				14	

ILS Notes:

- 1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- 2. No lots have expired since the last publication of this report.
- 3. The next lot scheduled to expire will expire in April 2007.
- 4. We have not received any P/N 2820100-1 (ME80) conventional ordnance deficiencies or EIs on the F-16 aircraft since the last publication of this report.

2. Canopy Remover Rocket Motor (Left Side)

- a. NSN: 1377-01-058-5431
- b. DODIC: ME81
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97CGO
- e. One per F-16A/B

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service life expiration date
OAC01D001-067	14	10	4	14	April 2007
Total installed:		10	4		
Grand total installed:				14	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in April 2007.
- We have not received any P/N 2820100-2 (ME81) conventional ordnance deficiencies or EIs on the F-16 aircraft since the last publication of this report.

3. Rocket Catapult CKU-5/BA

- a. NSN: 1377-01-169-7797
- b. DODIC: MT47
- c. Service life: 48 months (4 years)
- d. Rocket motor WUC: 97EAM
- e. One per F-16A, two per F-16B

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service life expiration date
IHM01E001-024	14	10	4	14	May 2005
Total installed:		10	4		
Grand total installed:				14	

ILS Notes:

- 1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- 2. No lots have expired since the last publication of this report.
- 3. The next lot scheduled to expire will expire in May 2005.
- 4. We have not received any P/N 5184322 (MT47) conventional ordnance deficiencies or EIs on the F-16 aircraft since the last publication of this report.

4. Rocket Divergence

- a. NSN: 1377-01-053-0587
- b. DODIC: MD99
- c. Service life: 108 months (9 years)
- d. Rocket motor WUC: 97EAJ
- e. One per F-16A, two per F-16B

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service life expiration date
UPC96G001-024	14	10	4	14	July 2005
Total installed:		10	4		
Grand total installed:				14	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in July 2005.
4. We have not received any P/N 1143-3 (MD99) conventional ordnance deficiencies or EIs on the F-16 aircraft since the last publication of this report.

5. Rocket Divergence

- a. NSN: 1377-01-255-1650
- b. DODIC: MT32
- c. Service life: 120 months (10 years)
- d. Rocket motor WUC: 97EAA
- e. One per F-16A, two per F-16B

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service life expiration date
TAC01B001-032	2	1	1	2	February 2011
TAC01L001-035	12	10	2	12	November 2011
Total installed:		11	3		
Grand total installed:				14	

ILS Notes:

- 1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- 2. No lots have expired since the last publication of this report.
- 3. The next lot scheduled to expire will expire in February 2011.
- 4. We have not received any P/N 50435-11 (MT32) conventional ordnance deficiencies or EIs on the F-16 aircraft since the last publication of this report.

FA-18/A/B/C/D AIRCRAFT

Martin-Baker SJU-5/A Ejection Seat F-18 and Rear Seat of F/A-18 B/D and SJU-6/A Ejection Seat (Front Seat of F/A-18 B/D)

1. Rocket Motor Mk 100 Mod 0

- a. NSN: 1377-01-039-2927
- b. DODIC: MD68
- c. Service life: **216 months (18 years)**
- d. Rocket motor WUC: 97D38
- e. One per F/A-18 A/C and one per F/A-18 B/D (rear seat only).



Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date
MBA86G001-012	57	17	0	0	0	17	July 2004
MBA86G001-013	47	4	1	3	0	8	July 2004
MBA86G001-015	30	0	0	3	0	3	July 2004
MBA86J001-016	56	5	1	2	0	8	September 2004
MBA86M001-017	29	0	0	7	2	9	December 2004
MBA86J001-018	18	0	0	5	1	6	September 2004
MBA86J001-020	7	0	0	1	1	2	September 2004
MBA87K001-024	21	0	0	7	3	10	October 2005
MBA87K001-025	15	1	0	4	1	6	October 2005
MBA88B001-026	23	1	0	14	5	20	February 2006
MBA88G001-027	5	0	0	1	0	1	July 2006
MBA88B001-028	11	0	0	3	0	3	February 2006
MBA88G001-029	55	3	0	37	5	45	July 2006
MBA88G001-031	16	0	0	3	0	3	July 2006
MBA89A001-033	128	48	11	6	1	66	January 2007
MBA89B001-032	66	4	0	32	22	58	February 2007
MBA89F001-034	8	0	0	4	2	6	June 2007
MBA91B001-038	66	35	7	7	1	50	February 2009
MBA93C002-040	182	51	11	12	7	81	March 2011
MBA94C003-041	46	9	2	1	1	13	March 2012

Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date
MBA96L003-047	47	3	0	1	0	4	November 2014
MBA99M003-050	7	0	0	0	0	0	December 2017
Total installed:		181	33	153	52		
Grand total installed:						419	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lots scheduled to expire will expire in July 2004.
4. **We have increased the service life on all lots from 204 months (17 years) to 216 months (18 years).**
5. We received a CODR from a fleet activity reporting that while maintenance personnel were performing an acceptance inspection, they discovered gouges. Indian Head requested this motor be returned for possible placement in its quality evaluation program.

2. Rocket Motor Mk 101 Mod 0

- a. NSN: 1377-01-039-2928
- b. DODIC: MD69
- c. Service life: **216 months (18 years)**
- d. Rocket motor WUC: 97D3A
- e. One per F/A-18 (front seat only).



Lot No.	Lot quantity	FA-18B	FA-18D	Total units installed	Service life expiration date
MBA86G001-012	2	0	0	0	July 2004
MBA86G001-013	11	0	0	0	July 2004
MBA86J001-020	8	0	2	2	September 2004
MBA86M001-017	7	0	2	2	December 2004
MBA87K001-024	2	0	2	2	October 2005
MBA87K001-025	3	0	2	2	October 2005
MBA88B001-026	7	0	6	6	February 2006
MBA88G001-029	8	0	6	6	July 2006
MBA89A001-033	25	4	3	7	January 2007
MBA89B001-032	30	4	16	20	February 2007
MBA91B001-038	17	9	3	12	February 2009
MBA93C002-040	23	4	1	5	March 2011
MBA94C003-041	33	10	11	21	March 2012
MBA96L003-047	47	0	0	0	November 2015
MBA99M003-050	15	0	0	0	December 2017
Total installed:		31	54		
Grand total installed:				85	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire will expire in July 2004.
- We have increased the service life on all lots from 204 months (17 years) to 216 months (18 years).**
- We received a CODR on the Mk 101 (MD69) Underseat Rocket Motor. During the de-arm process for 448-day inspection, the technician discovered a broken lockwire. This squadron conducted an investigation to determine if the tubes had rotated. The investigation was inconclusive since rotation could not be verified because of the absence of the torque stripe. We are currently looking into the best method for incorporating torque striping on installed units. We have requested this unit be returned for potential use as a quality evaluation sample.

3. Rocket Motor Mk 109 Mod 0 and Mod 1

- a. NSN: 1377-01-101-1443 (Mod 0), 1377-01-454-9321 (Mod 1)
- b. DODIC: MF56 (Mod 0), SS67 (Mod 1)
- c. Service life: 132 months (11 years)
- d. Rocket motor WUC: 97D47
- e. Two per F/A-18.
- f. For non-NACES FA-18 aircraft



Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date
UPC92G001-035	45	0	0	0	0	0	July 2003
UPC92G001-036	343	97	17	93	26	233	July 2003
UPC92K001-038	49	0	0	0	0	0	October 2003
UPC93A001-039	35	0	0	0	0	0	January 2004
UPC93C001-041	48	0	0	0	0	0	March 2004
UPC93J001-042	25	0	0	0	0	0	September 2004
TAC94A002-001A	15	0	0	0	0	0	January 2005
UPC 94D001-043	60	0	0	0	0	0	April 2005
UC95D001-044	29	0	0	0	0	0	April 2006
UPC95G001-045	27	0	0	0	0	0	July 2006
UPC95H001-046	25	0	0	0	0	0	August 2006
UPC95L001-047	20	0	0	0	0	0	November 2006
UPC96B001-048	48	10	2	28	8	48	February 2007
UPC96C001-049	8	0	0	0	0	0	March 2007
UPC96G001-050	195	34	2	47	28	111	July 2007
UPC96E001-051	18	0	0	0	0	0	May 2007
UPC97B001-053	4	0	0	0	0	0	February 2008
UPC97G001-054	7	0	0	0	0	0	July 2008
UPC97G001-055	6	0	0	0	0	0	July 2008
UPC98B001-056	54	0	0	0	0	0	February 2009
UPC99B001-057	12	0	0	0	0	0	February 2010
IH-98D001-001²	57	10	4	19	11	44	April 2009
TAC99D001-002²	250	100	10	34	20	164	April 2010
TAC00A001-003²	273	36	7	47	6	96	January 2011
TAC01H001-005²	109	4	9	5	6	24	August 2012
TAC01K001-006²	60	32	4	1	0	37	October 2012
TAC01M001-007²	1	2	0	0	0	2	December 2012

Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date
TAC02K001-008 ²	50	12	0	12	2	26	March 2013
TAC02M002-001 ²	8	0	4	2	2	8	December 2013
Total installed:		337	59	288	109		
Grand total installed:						793	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIV has qualified and released a Mk 109 Mod 1 (SS67) Canopy Jettison Rocket Motor (CJRM). This new unit can be used in all applications in which the Mod 0 unit is currently used. The Mod 1 is a one-for-one exchange with the Mk 109 Mod 0 (MF56) unit. Mod 0 units will still be issued until stock is exhausted.
- The following lots have expired since the last publication of this report:

UPC92B001-033	February 2003
UPC92D001-034	March 2003
- The following lots will expire within the next six months:

UPC92G001-035	July 2003
UPC92G001-036	July 2003
UPC92K001-038	October 2003
- We have not received any Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies or EIs on the FA-18 aircraft since the last publication of this report.

FA-18C/D/E/F AIRCRAFT**SJU-17/(V)2/A F/A-18D (Forward Seat) and SJU-17/(V)1/A F/A-18C/D (Aft Seat)**

1. Parachute Deployment Rocket Motor Mk 122 Mod 0

- a. NSN: 1377-01-246-5279
- b. DODIC: MT29
- c. Service life: 84 months (7 years), 120 months (10 years)
- d. Rocket motor WUC: 97D4A
- e. One per aircraft F/A-18C, E, two per aircraft F/A-18E, F (pilot and copilot).



Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
UPC97H003-005	192	28	21	8	11	68	August 2004
MBA98J004-014 ⁴	300	74	45	8	19	146	September 2008
MBA99J004-016 ⁴	206	55	32	14	39	140	September 2009
MBA00F004-017 ⁴	257	37	32	20	38	127	June 2010
UPC01E005-001 ⁴	271	12	20	3	6	41	May 2011
Total installed:		206	150	53	113		
Grand total installed:						522	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**
UPC94C003-004 March 2003
MBA96C003-013 March 2003
3. The next lot scheduled to expire will expire in August 2004.
4. We have received a CODR on stirrups installed incorrectly on a Mk 122 Mod 0 (MT29) Parachute Deployment Rocket Motors (lot UPC01E005-001). The stirrup links are making contact with the ejection seat main beam, thus making it impossible to connect the parachute withdrawal line. We have contacted the activity and requested photos. We will request that the unit be returned for an engineering investigation. We are pulling sample Condition Code "A" units from the same lot for inspection. The manufacturer has also been contacted and is in the process of verifying this condition with their x-rays.

2. Underseat Rocket Motor Mk 123 Mod 0

- a. NSN: 1377-01-246-5280
- b. DODIC: MT30
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D4B
- e. One per F/A-18D and F aircraft (pilot).



Lot No.	Lot Quantity	FA-18D	FA-18F	Total units installed	Service life expiration date
MBA89F001-003	31	2	0	2	June 2004
MBA89F001-005	16	0	0	0	June 2004
MBA90H001-006	35	9	0	9	August 2005
MBA90H001-007	6	0	0	0	August 2005
MBA90K001-008	50	15	0	15	October 2005
UPC90L001H001B	17	1	0	1	November 2005
MBA91J001-009	21	6	0	6	September 2006
UPC91K001H002A	14	3	0	3	October 2006
MBA92C001-010	10	0	0	0	March 2007
UPC93E002H005	27	1	0	1	May 2008
MBA93F002-011	54	12	0	12	June 2008
UPC94B003H006	80	15	0	15	February 2009
MBA95C003-012	236	7	1	8	March 2010
MBA96C003-013	71	4	3	7	March 2011
MBA97G003-014	33	10	8	18	July 2012
MBA98J003-017	33	6	7	13	September 2013
MBA99H003-019	53	0	24	24	August 2014
MBA01A003-020	47	0	11	11	January 2016
MBA01E003-024	277	0	4	4	May 2016
Total installed:		91	58		
Grand total installed:				149	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire will expire in June 2004.
- We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or EIs on the FA-18 aircraft since last publication of this report.

3. Underseat Rocket Motor Mk 124 Mod 0

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D48
- e. One per F/A-18D, and F aircraft (copilot), one per F/A-18C, E aircraft (pilot).



Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
MBA89F001-004	57	3	1	0	0	4	June 2004
MBA89F001-005	7	0	0	0	0	0	June 2004
MBA90H001-006	68	16	10	0	0	26	August 2005
MBA90H001-007	36	8	7	0	0	15	August 2005
MBA90K001-008	91	19	7	0	0	26	October 2005
UPC90L001H001B	36	1	2	0	0	3	November 2005
MBA91J001-009	34	11	8	0	0	19	September 2006
UPC91K001H002A	29	0	3	0	0	3	October 2006
UPC91K001H003	6	0	0	0	0	0	October 2006
MBA92C001-010	27	8	2	0	0	10	March 2007
UPC93D002H004	62	4	2	0	0	6	April 2007
MBA93F002-011	104	58	7	1	1	67	June 2008
UPC94C002H005	142	23	16	0	0	39	March 2009
MBA95C003-012	165	77	7	5	1	90	March 2010
MBA96C003-013	71	7	5	0	1	13	March 2011
MBA97G003-014	70	10	12	11	10	43	July 2012
MBA98J003-017	66	3	6	6	9	24	September 2013
MBA99H003-019	84	1	0	22	17	40	August 2014
MBA01A003-020	76	0	0	8	14	22	January 2016
Total installed:		268	95	53	53		
Grand total installed:						450	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lots scheduled to expire will expire in June 2004.
4. We have not received any Mk 124 Mod 0 (MT31) conventional ordnance deficiencies or EIs on the FA-18 aircraft since last publication of this report.

4. Rocket Motor Mk 109 Mod 0 and Mod 1

- a. NSN: 1377-01-101-1443 (Mod 0), 1377-01-454-9321 (Mod 1)
- b. DODIC: MF56 (Mod 0), SS67 (Mod 1)
- c. Service life: 132 months (11 years)
- d. Rocket motor WUC: 97D47
- e. Two per F/A-18
- f. For NACES FA-18 Aircraft



Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
UPC92G001-035	45	18	8	0	0	26	July 2003
UPC92G001-036	343	10	0	0	0	10	July 2003
UPC92K001-038	49	20	6	0	0	26	October 2003
UPC93A001-039	35	11	8	0	0	19	January 2004
UPC93C001-041	48	22	10	0	0	32	March 2004
UPC93J001-042	25	24	1	0	0	25	September 2004
TAC94A002-001A	15	1	1	0	0	2	January 2005
UPC94D001-043	60	34	20	3	0	57	April 2005
UPC95D001-044	29	26	0	3	0	29	April 2006
UPC95G001-045	27	25	0	1	1	27	July 2006
UPC95H001-046	25	22	0	2	1	24	August 2006
UPC95L001-047	20	20	0	0	0	20	November 2006
UPC96B001-048	48	0	0	0	0	0	February 2007
UPC96C001-049	8	5	0	1	2	8	March 2007
UPC96G001-050	195	7	0	28	32	67	July 2007
UPC96E001-051	18	16	0	0	0	16	May 2007
UPC97B001-053	18	10	5	2	0	17	February 2008
UPC97G001-054	14	5	9	0	0	14	July 2008
UPC97G001-055	6	4	0	0	0	4	July 2008
UPC98B001-056	54	2	18	18	16	54	February 2009
UPC99B001-057	57	0	10	10	12	32	February 2010
IH-98D001-001 ²	57	4	0	0	0	4	April 2009
TAC99D001-002 ²	250	28	14	14	14	70	April 2010
TAC00A001-003 ²	273	64	18	22	26	130	January 2011
TAC01H001-005 ²	109	46	12	2	6	66	August 2012
TAC01K001-006 ²	60	21	4	2	2	29	October 2012
TAC01M001-007 ²	2	0	0	0	0	0	December 2012

Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
TAC02K001-008 ²	50	3	6	0	0	9	March 2013
TAC02M001-001 ²	3	0	4	0	0	4	December 2013
Total installed:		448	154	108	112		
Grand total installed:						822	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIIV has qualified and released a Mk 109 Mod 1 (SS67) Canopy Jettison Rocket Motor. This new unit can be used in all applications in which the Mod 0 unit is currently used. The Mod 1 is a one-for-one exchange with the Mk 109 Mod 0 (MF56) unit. Mod 0 units will still be issued until stock is exhausted.**
- The following lots have expired since the last publication of this report:**
UPC92B001-033 February 2003
UPC92D001-034 March 2003
- The following lots will expire within the next six months:**
UPC92G001-035 July 2003
UPC92G001-036 July 2003
UPC92K001-038 October 2003
- We have not received any Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies or EIs on the FA-18 aircraft since last publication of this report.

OV-10A AIRCRAFT

North American LW-3B Ejection Seats

1. Rocket Catapult Mk 12 Mod 1

- a. NSN: 1377-00-276-2364
- b. DODIC: MC77
- c. Service life: 120 months (10 years)
- d. Rocket motor WUC: 97D3D
- e. Two per aircraft.



Lot No.	Lot quantity	OV-10A	Total units installed	Service life expiration date
IH-96K001-007	10	6	6	October 2006
IH00C002-009	14	0	0	March 2010
IHM02B002-020	21	0	0	February 2012
Total installed:		6		
Grand total installed:			6	

ILS Notes:

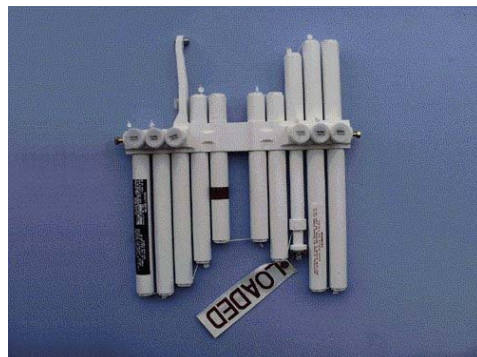
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in October 2006.
4. We have not received any Mk 12 Mod 1 (MC77) conventional ordnance deficiencies or EIs on the OV-10 aircraft since the last publication of this report.

QF-4N/S SERIES AIRCRAFT

Martin-Baker Mk H-7 Ejection Seats

1. Underseat Rocket Motor Mk 92 Mod 1

- a. NSN: 1377-01-036-8514
- b. DODIC: M933
- c. Service life: 192 months (16 years)
- d. Rocket motor WUC: 97D3R
- e. Two per aircraft (pilot and RIO).



Lot No.	Lot quantity	QF-4N	QF-4S	Total units installed	Service life expiration date
IH-88J001-005	306	5	43	48	September 2004
Total installed:		5	43		
Grand total installed:				48	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in September 2004.
- We have not received any Mk 92 Mod 1 (M933) conventional ordnance deficiencies or EIs on the F-4 aircraft since the last publication of this report.

S-3B AIRCRAFT

Douglas ESCAPAC 1E-1 Ejection Seats

1. Rocket Catapult Mk 16 Mod 1

- a. NSN: 1377-01-040-9324
- b. DODIC: MD 72
- c. Service life: 156 months (13 years)
- d. Rocket motor WUC: 97D44
- e. Four per aircraft.



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC90H004-028	69	20	20	August 2003
UPC93B004-031	14	7	7	February 2006
UPC97B001-032	7	1	1	February 2010
UPC99J001-034	173	151	151	September 2012
UPC99L001-035	183	132	132	November 2012
UPC02C001-036	172	0	0	March 2015
Total installed:		311		
Grand total installed:			311	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**

UPC90B004-026	February 2003
UPC90C004-027	March 2003
3. **The next lot scheduled to expire will expire in August 2003.**
4. We have not received any Mk 16 Mod 1 (MD72) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

2. Rocket Motor Mk 82 Mod 0/1 (Man/Seat Separator, Left)

- a. NSN: Mod 0 1377-00-119-2022/Mod 1 1377-01-412-6530
- b. DODIC: M928/MU76
- c. Service life: Mod 0: 192 months (16 years); Mod 1: 84 months (7 years)
- d. Rocket motor WUC: Mod 0 97D11/Mod 1 97D12
- e. Two per aircraft (copilot/TACCO).



Lot No.	Lot quantity	S-3B	Total Units Installed	Service life expiration date
UPC93B001-021	391	184	184	February 2009
UPC94C001-022	25	12	12	March 2010
UPC99F001-003A²	10	4	4	June 2006
UPC00E001-004²	90	10	10	May 2007
IHM00B002-006²	14	2	2	February 2007
Total installed:		212		
Grand total installed:			212	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- These lots of Mk 82 Mod 1 Man/Seat Separator Rocket Motors can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 82 Mod 0 (M928) unit. Mod 0 units will still be issued until stock is exhausted.**
- Indian Head has changed its manufacturer's identification symbol from IH to IHM.**
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in June 2006.
- We have not received any Mk 82 Mod 0 (M928) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

3. Rocket Motor Mk 90 Mod 0/1 (Man/Seat Separator, Right)

- a. NSN: Mod 0 1377-00-201-9554/Mod 1 1377-01-412-6462
- b. DODIC: MC51/MU75
- c. Service life: Mod 0: 192 months (16 years); Mod 1: 84 months (7 years)
- d. Rocket motor WUC: Mod 0 97D3Q/Mod 1 97D3S
- e. Two per aircraft (Pilot/SENSO).



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
IH-99H001-005 ¹	106	72	72	August 2006
IHM00B002-006 ^{1,2}	110	51	51	February 2007
UPC00E001-002 ¹	22	22	22	May 2007
Total installed:		152		
Grand total installed:			152	

ILS Notes:

1. These lots of Mk 90 Mod 1 Man/Seat Separator Rocket Motors can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 90 Mod 0 (MU75) unit. Mod 0 units will still be issued until stock is exhausted.
2. Indian Head has changed its manufacturer's identification symbol from IH to IHM.
3. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
4. The following lot has expired since the last publication of this report:

IH-96D001-004
April 2003
5. The next lot scheduled to expire will expire in August 2006.
6. We have not received any Mk 90 Mod 0/1 (MC51/MU75) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

4. Rocket Motor Mk 83 Mod 0 (Low Yaw Thruster)

- a. NSN: 1377-00-119-2031
- b. DODIC: M929
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97D31
- e. Two per aircraft (pilot/copilot).



Lot No.	Lot Quantity	S-3B	Total units installed	Service life expiration date
UPC97J002-014R	84	62	62	September 2004
ESD00B001-001⁵	96	78	78	February 2007
ESD00H001-002⁵	119	61	61	August 2007
Total installed:		201		
Grand total installed:			201	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in September 2004.
- We have not received any Mk 83 Mod 0 (M929) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.
- We have qualified Pacific Scientific (ESD) as a manufacturer.**

5. Rocket Motor Mk 84 Mod 2 (Vernier)

- a. NSN: 1377-01-199-8315
- b. DODIC: MF57
- c. Service life: 156 months (13 years)
- d. Rocket motor WUC: 97D3L
- e. Four per aircraft.



Lot No.	Lot quantity	S-3B	S-3B ACB 888	Total units installed	Service life expiration date
TAC90M001-005A	213	1	38	39	December 2003
TAC93L001-006A	107	1	71	72	November 2006
TAC95J001-007A	86	1	82	83	September 2008
TAC96H001-001A	286	8	209	217	August 2009
TAC00K001-008	96	0	0	0	October 2013
TAC01G001-009	96	0	0	0	July 2014
Total installed:		11	400		
Grand total installed:				411	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in December 2003.**
- We have not received any Mk 84 Mod 2 (MF57) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

6. Rocket Motor Mk 85 Mod 0 (High Yaw Thruster)

- a. NSN: 1377-00-119-2045
- b. DODIC: M932
- c. Service life: 84 months (7 years)
- d. Rocket motor WUC: 97D43
- e. Two per aircraft (SENSO/TACCO).



Lot No.	Lot Quantity	S-3B	Total units installed	Service life expiration date
UPC96J002-014	176	74	74	September 2003
UPC97D002-015	100	61	61	April 2004
ESD99M001-001 ⁵	121	73	73	December 2006
ESD00K001-002 ⁵	121	8	8	December 2006
Total installed:		216		
Grand total installed:			216	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in September 2003.
- We have not received any Mk 85 Mod 0 (M932) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.
- We have qualified Pacific Scientific (ESD) as a manufacturer.

T-2C SERIES AIRCRAFT

North American LS-1A Ejection Seats

1. Rocket Catapult Mk 18 Mod 0

- a. NSN: 1377-00-250-0206
- b. DODIC: M941
- c. Service life: 120 months (10 years)
- d. Two per aircraft
- e. Rocket motor WUC: 97D1F
- f. This device can also be utilized in the LS-1 configuration seat if installed in pairs.



Lot No.	Lot quantity	T-2C	Total units installed	Service life expiration date
IH-95C001-015	144	113	113	March 2005
IH-96K001-016	56	41	41	October 2006
IH-96K001-017	27	2	2	October 2006
IH-99F002-018	46	2	2	June 2009
IH-00C002-019	31	4	4	March 2012
IHM02B002-020	12	0	0	February 2012
Total installed:		162		
Grand total installed:			162	

ILS Notes:

- 1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- 2. No lots have expired since the last publication of this report.
- 3. The next lot scheduled to expire will expire in March 2005.
- 4. We have not received any Mk 18 Mod 0 (M941) conventional ordnance deficiencies or EIs on the T-2 aircraft since the last publication of this report.

T-45A/C AIRCRAFT**SJU-17/(V)5/A (Forward Seat)
SJU-17/(V)6/A (Aft Seat)**

1. Parachute Deployment Rocket Motor Mk 122 Mod 0
 - a. NSN: 1377-01-246-5279
 - b. DODIC: MT29
 - c. Service life: 84 months (7 years), 120 months (10 years)
 - d. Rocket motor WUC: 97D4A
 - e. Two per aircraft.



Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service life expiration date
UPC97H003-005	192	33	24	57	August 2004
MBA98J004-014 ⁴	300	49	33	82	September 2008
MBA99J004-016 ⁴	206	15	29	44	September 2009
MBA00F004-017 ⁴	257	17	47	64	June 2010
UPC01E005-001 ⁴	271	29	20	49	May 2011
Total installed:		143	153		
Grand total installed:				296	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**
 - UPC94C003-004 March 2003**
 - MBA95F002-010 March 2003**
3. The next lot scheduled to expire will expire in August 2004.
4. We have received a CODR on stirrups installed incorrectly on a Mk 122 Mod 0 (MT29) Parachute Deployment Rocket Motors (lot UPC01E005-001). The stirrup links are making contact with the ejection seat main beam, thus making it impossible to connect the parachute withdrawal line. We have contacted the activity and requested photos. We will request that the unit be returned for an engineering investigation. We are pulling sample Condition Code "A" units from the same lot for inspection. The manufacturer has also been contacted and is in the process of verifying this condition with their x-rays.

2. Underseat Rocket Motor Mk 123 Mod 0

- a. NSN: 1377-01-246-5280
- b. DODIC: MT30
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D4B
- e. One per aircraft (Pilot Seat)



Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service life expiration date
MBA89F001-003	31	0	0	0	June 2004
MBA89F001-005	16	0	0	0	June 2004
MBA90H001-006	35	3	0	3	August 2005
MBA90H001-007	6	1	0	1	August 2005
MBA90K001-008	50	5	0	5	October 2005
UPC90L001H001B	17	3	0	3	November 2005
MBA91J001-009	21	1	0	1	September 2006
UPC91K001H002A	14	1	0	1	October 2006
MBA92C001-010	10	5	0	5	March 2007
UPC93E002H005	27	1	0	1	May 2008
MBA93F002-011	54	28	4	32	June 2008
UPC94B003H006	80	18	3	21	February 2009
MBA95C003-012	236	6	7	13	March 2010
MBA96C003-013	71	0	7	7	March 2011
MBA97G003-014	33	0	14	14	July 2012
MBA98J003-017	33	0	9	9	September 2013
MBA99H003-019	53	0	18	18	September 2014
MBA01A003-020	47	0	14	14	January 2016
MBA01E003-024	277	0	2	2	May 2016
Total installed:		72	78		
Grand total installed:				150	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire will expire in June 2004.
- We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or EIs on the T-45 aircraft since the last publication of this report.

3. Underseat Rocket Motor Mk 124 Mod 0

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D48
- e. One per aircraft (Aft seat).



Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service life expiration date
MBA89F001-004	57	0	0	0	June 2004
MBA89F001-005	7	0	0	0	September 2004
MBA90H001-006	68	3	0	3	August 2005
MBA90H001-007	36	0	0	0	August 2005
MBA90K001-008	91	4	0	4	October 2005
UPC90L001H001B	36	3	0	3	November 2005
MBA91J001-009	34	4	0	4	September 2006
UPC91K001H002A	29	1	0	1	October 2006
UPC91K001H003	6	0	0	0	October 2006
MBA92C001-010	27	5	0	5	March 2007
UPC93D002H004	62	2	0	2	April 2008
MBA93F002-011	104	20	0	20	June 2008
UPC94C003H005	142	19	5	24	March 2009
MBA95C003-012	165	4	4	8	March 2010
MBA96C003-013	71	1	7	8	March 2011
MBA97G003-014	70	5	16	21	July 2012
MBA98J003-017	66	0	16	16	September 2013
MBA99H003-019	84	0	16	16	August 2014
MBA01A003-020	76	0	12	12	January 2016
Total installed:		71	76		
Grand total installed:				147	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lot scheduled to expire will expire in June 2004.
- We have not received any Mk 124 Mod 0 (MT31) conventional ordnance deficiencies or EIs on the T-45 aircraft since the last publication of this report.

PAD SUMMARY

The following section summarizes the service life, identification data, and total installed assets for each PAD device. Table I contains the PAD device, service life, and operating temperature range. Table I is based on the information current in NAVAIR 11-100-1.1-CD at the time this report was printed; NAVAIR 11-100-1.1-CD is the official source for the service life of PAD devices. Table II identifies each PAD device by DODIC, propellant type, explosive weight, manufacturer, NAVAIR part number, applicable specification (procurement description), applicable aircraft, and aircraft manufacturer. Table III presents the total installed assets for the PAD devices, and Table IV provides this information by lot numbers.

Table I. Service Life Listing^a

Device	Service life (mo)	Operating range (°F)
Rocket Catapult		
Mk 12 Mod 1	120	-40 to 165
Mk 16 Mod 1	156	-40 to 160
Mk 18 Mod 0	120	-40 to 165
CKU-5	48	-40 to 165
CKU-7A	120	-40 to 160
Man/Seat Separators		
Mk 82 Mod 0	192	-40 to 160
Mk 82 Mod 1	84	-40 to 160
Mk 90 Mod 0	192	-40 to 160
Mk 90 Mod 1	84	-40 to 160
Yaw Thrusters		
Mk 83 Mod 0	84	-40 to 160
Mk 85 Mod 0	84	-40 to 160
Vernier Rocket		
Mk 84 Mod 2	156	-40 to 160
P/N 50436-11	120	-40 to 160
Seatback Rocket		
Mk 79 Mod 1	132	-40 to 160
Mk 79 Mod 2	132	-40 to 160
WORD/Drogue Release Assembly		
Mk 113 Mod 0	96	-40 to 160
Mk 113 Mod 0	96	-40 to 160
Catapult Cartridge		
Mk 205 Mod 1	96	-65 to 165
Mk 205 Mod 2	96	-65 to 165

See footnote at end of table.

Table I—Continued

Device	Service life (mo)	Operating range (°F)
Underseat Rocket Motor		
Mk 74/75 Mod 0	240	–40 to 160
Mk 74/75 Mod 1	240	–40 to 160
Mk 86/87/88 Mod 0	240	–40 to 160
Mk 86/87/88 Mod 1	240	–40 to 160
Mk 92 Mod 1	192	–40 to 160
Mk 100 Mod 0	204	–40 to 160
Mk 101 Mod 0	204	–40 to 160
Mk 123 Mod 0	180	–65 to 165
Mk 124 Mod 0	180	–65 to 165
Canopy Remover Rocket Motor		
Mk 109 Mod 0	132	–65 to 165
Mk 109 Mod 1	132	–65 to 165
P/N J114716-1 (RS)	84	–65 to 200
P/N J114716-501 (LS)	84	–65 to 200
Rocket Motor Divergence		
Mk 121 Mod 0	84	–40 to 160
P/N 1143-3	108	–40 to 160
Parachute Deployment Rocket Motor		
Mk 122 Mod 0	84	–65 to 165

^aOfficial listing maintained in NAVAIR 11-100-1.1-CD.

Table II. Propellant-Actuated Devices Summary
[As of 30 June 2003]

Device	DODIC	Propellant type	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Rocket Catapults (Navy)								
Mk 12 Mod 1	MC77	CTPB	5.00	Indian Head	NAVAIR 709AS100 P/N 31276	MIL-DTL-85097/9A(AS)	OV-10A	Rockwell International Corp.
Mk 16 Mod 1	MD72	CTPB	7.00	Indian Head UPCO	NAVAIR 736AS300 (1000-6)	MIL-DTL-85097/1B	S-3A, TA-4J	Lockheed California Corp. McDonnell Douglas
Mk 18 Mod 0	M941	CTPB	5.00	Indian Head	NAVAIR 707AS100	MIL-DTL-85097/12(AS)	T-2	Rockwell International Corp.
Rocket Catapults (Air Force)								
CKU-7A	MS15	CTPB	6.40	Indian Head UPCO	F11820361	MIL-C-48568	F-5E F-5F T-38	Northrup Corp.
CKU-5B/A	MT47	CTBP	7.00	Indian Head UPCO	5184322	MIL-C-82734A	F-16A/B	General Dynamics
Rocket Motors								
Mk 74 Mod 0 (Pilot)	M572	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904093 (MB-300-1205)	MIL-A-85097/8B(AS)	F-14A F-14B NF-14A NF-14B	Grumman Aerospace Corp.
Mk 74 Mod 1 (Pilot)	M572	Double Base	6.40	Indian Head	759AS130	MIL-A-85097/8B(AS)	F-14A/B	Grumman Aerospace Corp.
Mk 75 Mod 0 (NFO)	M573	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904094 (MB-300-1206)	MIL-A-85097/8B(AS)	F-14A/B	Grumman Aerospace Corp.
Mk 75 Mod 1 (NFO)	M573	Double Base	6.40	Indian Head	759AS140	MIL-A-85097/8B(AS)	F-14	Grumman Aerospace Corp.
Mk 79 Mod 1 (SBR)	MF21	CTPB CTPB	2.70	Indian Head Talley	NAVAIR 672AS200 P/N 50579-5	MIL-A-85097/3C(AS)	AV-8B NAV-8B TAV-8B	Hawker-Siddeley/ McDonnell
Mk 79 Mod 2 (SBR)	MF21	HTPB HTPB	2.70	Indian Head Talley	NAVAIR 672AS200 P/N 50579-7	MIL-A-85097/3C(AS)	AV-8B NAV-8B TAV-8B	Hawker-Siddeley/ McDonnell
Mk 82 Mod 0 (Man/Seat Separator, Left)	M928	CTPB	0.60	UPCO	NAVAIR 944AS100 1033-2 (UPC)	MIL-DTL-85097/5B(OS)	S-3B, ES-3A A-4F/M, TA-4J	Lockheed California Corp. McDonnell Douglas
Mk 83 Mod 0 (Low Yaw Thruster)	M929	CTPB	0.05	UPCO Pacific Scientific	NAVAIR 946AS100 1105-1 (UPC)	MIL-DTL-85097/6A (AS)	S-3B ES-3A	Lockheed California Corp.
Mk 84 Mod 2 (Vernier Rocket)	MF57	CTPB	1.12	Talley UPCO	NAVAIR 503AS200 (50436-9) (1340-2)	MIL-DTL-85097/7D(OS)	S-3B ES-3A	Lockheed California Corp.
Mk 85 Mod 0 (High Yaw Thruster)	M932	CTPB	0.10	UPCO Pacific Scientific	NAVAIR 989AS100 1136-1 (UPC)	MIL-DTL-85097/6A(AS)	S-3B ES-3A	Lockheed California Corp.
Mk 86 Mod 0 (Pilot/ECMO-3)	M938	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904171 (MB-200-610)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 86 Mod 1 (Pilot/ECMO-3)	M938	Double Base	6.40	Indian Head	759AS170	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 87 Mod 0 (ECMO-1)	M939	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904172 (MB-200-612)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 87 Mod 1 (ECMO-1)	M939	Double Base	6.40	Indian Head	759AS180	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.

Table II—Continued
[As of 30 June 2003]

Device	DODIC	Propellant type	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Mk 88 Mod 0 (ECMO-2)	M940	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904173 (MB-200-614)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 88 Mod 1 (ECMO-2)	M940	Double Base	6.40	Indian Head	759190	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 90 Mod 0 (Man/Seat Separator, Right)	MC51	CTPB	0.60	UPCO	NAVAIR 970AS100 1033-3 (UPC)	MIL-DTL-85097/5B(OS)	S-3B ES-3A	Lockheed California Corp.
Mk 90 Mod 1	MU75	CTPB	0.60	Indian Head	NAVAIR 970AS201	MIL-DTL-85097/5B(OS)	S-3B ES-3A	Lockheed California Corp.
Mk 92 Mod 1	M933	Double Base	6.20	Indian Head	NAVAIR 1175AS100	MIL-A-85097/8BAS)	QF-4N	McDonnell Douglas
Mk 100 Mod 0	MD68	Double Base	6.60	Martin-Baker	MBEU-69025-2 NAVAIR 1176AS200	MIL-A-85097/8B	FA-18A FA-18B FA-18C FA-18D	McDonnell Douglas
Mk 101 Mod 0	MD69	Double Base	6.60	Martin-Baker	MBEU-69028-2 NAVAIR 1176AS300	MIL-A-85097/8B	FA-18B FA-18D	McDonnell Douglas
Mk 109 Mod 0	MF56	CTPB	1.0	Indian Head Talley UPCO	P/N-50656-5 NAVAIR 1507AS100	MIL-DTL-85097/13C (OS)	FA-18A FA-18B FA-18C FA-18D FA-18E FA-18F	McDonnell Douglas (Boeing)
Mk 109 Mod 1	SS67	HTPB	1.0	Indian Head UPCO	1507AS201	MI-DTL-85097/13A(OS)	FA-18A FA-18B FA-18C FA-18D FA-18E FA-18F	McDonnell Douglas (Boeing)
Mk 113 Mod 0/1	MG67	CTPB HTPB	0.288	UPCO Talley	NAVAIR 673AS200 P/N 50885-1	MIL-DTL-85097/11D(OS)	AV-8B TAV-8B	Hawker-Siddeley/ McDonnell Douglas
Mk 121 Mod 0 (Divergence)	MT28	CTPB	0.22	UPCO Pacific Scientific	P/N 1163-3 (UPC) NAVAIR 673AS300 2-102370-2 (Pac Sci)	MIL-A-85097/15	TAV-8B	McDonnell Douglas
Mk 122 Mod 0	MT29	Double Base	0.5	Martin-Baker UPCO	MBEU-146190	MIL-A-85097/16	FA-18C FA-18D, FA-18E FA-18F T-45 A T-45C F-14 D	McDonnell Douglas British Aerospace/ McDonnell Douglas Grumman Aerospace Corp.
Mk 123 Mod 0	MT30	Double Base	6.8	Martin-Baker UPCO	MBEU-142801	MIL-A-85097/17	FA-18C FA-18D FA-18F T-45A T-45C F-14D	McDonnell Douglas Grumman Aerospace Corp.
Mk 124 Mod 0	MT31	Double Base	6.8	Martin-Baker UPCO	MBEU-142802	MIL-A-85097/17	FA-18C FA-18D FA-18E FA-18F T-45 A T-45C F-14 D	McDonnell Douglas British Aerospace/ McDonnell Douglas Grumman Aerospace Corp.
Mk 205 Mod 1/2	XW36	CTPB HTPB	0.25	Talley	NAVAIR 772AS400 P/N 5913-5	MIL-DTL-85097/2E	AV-8B TAV-8B	Hawker-Siddeley/ McDonnell Douglas
P/N 2820100-1 (Canopy Remover, Right)	ME80	CTPB	.0.7	Ordnance Engineering Assoc. Inc	2820100-1	-	F-16A/B	General Dynamics

Table II—Continued
[As of 30 June 2003]

Device	DODIC	Propellant type	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
P/N 2820100-2 (Canopy Remover, Left)	ME81	CTPB	.0.7	Ordnance Engineering Assoc. Inc	2820100-2	—	F-16A/B	General Dynamics
P/N 1143-3 (Divergence)	MD99	CTPB	.0.1	UPCO	P/N 1143-3	—	F-16A/B	General Dynamics
P/N 50436-11 (Vernier Rocket)	MT32	CTPB	1.1	Talley Inc	P/N 50436-11	—	F-16A/B	General Dynamics

Table III. Total Installed Assets*[As of 30 June 2003]*

PAD Device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 12 Mod 1	MC77	OV-10	6	6
Mk 16 Mod 1	MD72	TA-4J	14	14
		S-3B	311	311
				325
Mk 18 Mod 0	M941	T-2C	162	162
CKU-5B/A	MT47	F-16A	10	
		F-16B	4	14
Mk 74 Mod 0	M572	F-14A	23	
		F-14B	50	73
Mk 74 Mod 1	M572	F-14A	15	
		F-14B	9	24
				97
Mk 75 Mod 0	M573	F-14A	26	
		F-14B	47	73
Mk 75 Mod 1	M573	F-14A	11	
		F-14B	10	21
				94
Mk 82 Mod 0	M928	TA-4J	10	10
		S-3B	196	196
				206
MK 82 Mod 1	MU76	TA-4J	0	0
		S-3B	16	16
				222
Mk 83 Mod 0	M929	S-3B	201	201
Mk 85 Mod 0	M932	S-3B	216	216
Mk 92 Mod 1	M933	QF-4N	5	
		QF-4S	43	
				48
Mk 86 Mod 0	M938	EA-6B	184	184
Mk 86 Mod 1	M938	EA-6B	46	46
				230
Mk 87 Mod 0	M939	EA-6B	109	109
Mk 87 Mod 1	M939	EA-6B	6	6
				115
Mk 88 Mod 0	M940	EA-6B	103	84
Mk 88 Mod 1	M940	EA-6B	31	31
				115
Mk 90 Mod 1	MU75	S-3B	152	152
	MU75			152

Table III—Continued*[As of 30 June 2003]*

PAD Device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 100 Mod 0	MD68	FA-18A	181	419
		FA-18B	33	
		FA-18C	153	
		FA-18D	52	
Mk 101 Mod 0	MD69	FA-18B	31	85
		FA-18D	54	
Mk 79 Mod 1	MF21	AV-8B	262	324
		NAV-8B	2	
		TAV-8B	60	
Mk 109 Mod 0 Non-NACES	MF56	FA-18A	141	392
		FA-18B	21	
		FA-18C	168	
		FA-18D	62	
Mk 109 Mod 1 Non-NACES	SS67	FA-18A	196	401 793
		FA-18B	38	
		FA-18C	120	
		FA-18D	47	
MK 109 Mod 0 NACES	MF56	FA-18C	328	556
		FA-18D	96	
		FA-18E	68	
		Fa-18F	64	
Mk 109 Mod 1 NACES	SS67	FA-18C	120	266 822
		FA-18D	58	
		FA-18E	40	
		FA-18F	48	
				1,615
Mk 84 Mod 2	MF57	S-3B	411	411
		Repaired	400	
		Not repaired	11	
P/N J114716-1	ME80	F-16A	10	14
		F-16B	4	
P/N J114716-502	ME81	F-16A	10	14
		F-16B	4	
P/N 50436-11	MT32	F-16A	11	14
		F-16B	3	
P/N 1143-3	MD99	F-16A	10	14
		F-16B	4	

Table III—Continued*[As of 30 June 2003]*

PAD Device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 113 Mod 0/1	MG67	AV-8B NAV-8B TAV-8B	142 1 30	173
CKU-7A	MS15	F-5E F-5F T-38A	32 7 18	57
Mk 121 Mod 0	MT28	TAV-8B	54	54
Mk 122 Mod 0	MT29	F-14D FA-18C FA-18D FA-18E FA-18F T-45A T-45C	55 206 150 53 113 143 153	55 522 296 1444
Mk 123 Mod 0	MT30	F-14D FA-18D FA-18F T-45A T-45C	68 91 58 72 78	68 149 150 367
Mk 124 Mod 0	MT31	F-14D FA-18C FA-18D FA-18E FA-18F T-45A T-45C	46 268 95 53 53 71 76	46 469 147 662
Mk 205 Mod 1	XW36	AV-8B NAV-8B TAV-8B	52 0 20	72
Mk 205 Mod 2	XW36	AV-8B NAV-8B TAV-8B	77 1 22	100 172

Table IV. Total Reported Installed by Lot Number*[As of 30 June 2003]*

DODIC	Model	Lot No.	Lot quantity	Quantity installed	Total installed	Expiration date	Aircraft type(s)
MC77	Mk 12 Mod 1	IH-96K001-007 IH-00C002-009 IHM02B002-020	10 14 21	6 0 0	6	October 2006 March 2010 February 2012	OV-10
MD72	Mk 16 Mod 1	UPC90H003-028 UPC93B004-031 UPC97B001-032 UPC99J001-034 UPC99L001-035 UPC02C001-036	69 14 7 173 183 172	20 9 1 151 137 0	443	August 2003 February 2006 February 2010 September 2012 November 2012 March 2015	TA-4J/S-3B
M941	Mk 18 Mod 0	IH-95C001-015 IH-96K001-016 IH-96K001-017 IH-99F002-018 IH-00C002-019 IHM02B002-020	144 56 27 46 31 12	113 41 2 2 4 0	192	March 2005 October 2006 October 2006 June 2009 March 2010 February 2012	T-2C
M572	Mk 74 Mod 0	MBA84B001-013 MBA85E001-015 MBA85E001-017 MBA85H001-018 UPC86J001-001A/B MBA88B001-024 MBA88H001-026	24 18 18 126 25 15 6	6 6 13 33 4 8 3	73	February 2004 May 2005 May 2005 August 2005 August 2006 February 2008 August 2008	F-14A/F-14B
M572	Mk 74 Mod 1	IH-94L002-003A IH-94L002-004 IH-94L002-005	23 15 38	12 10 2	24 97	November 2014 November 2014 November 2014	
M573	Mk 75 Mod 0	MBA84B001-013 MBA85E001-015 MBA85E001-017 MBA85H001-018 UPC86J001-001A/B MBA88B001-024 MBA88H001-026	24 18 18 134 25 15 5	5 9 13 33 4 7 2	76	February 2004 May 2005 May 2005 August 2005 August 2006 February 2008 August 2008	F-14A/F-14B
M573	Mk 75 Mod 1	IH-94L002-003A IH-94L002-004 IH-94L002-005	22 12 34	12 6 0	18 94	November 2014 November 2014 November 2014	
M928	Mk 82 Mod 0	UPC93B001-021 UPC94C001-022	391 25	194 12	206	February 2009 March 2010	TA-4J/S-3B
MU76	MK 82 Mod 1	UPC99F001-003A UPC00E001-004 IHM00B002-006	10 90 14	4 10 2	16	June 2006 May 2007 February 2007	
					222		

Table IV—Continued*[As of 30 June 2003]*

DODIC	Model	Lot No.	Lot quantity	Quantity installed	Total Installed	Expired date	Aircraft type
M929	Mk 83 Mod 0	UPC97J002-014R ESD00B001-001 ESD00H001-002	84 96 119	62 78 61	201	September 2004 February 2007 August 2007	S-3B
M932	Mk 85 Mod 0	UPC96J002-014 UPC97D002-015 ESD99M001-001 ESD00K001-002	176 100 121 121	74 61 73 8	135 81 216	April 2004 December 2006 December 2006	S-3B
M933	Mk 92 Mod 1	IH-88J001-005	306	48	48	September 2004	QF-4N/QF-4S
M938	Mk 86 Mod 0	MBA84B001-013 MBA85E001-015 MBA85E001-017 MBA85H001-018 MBA86J001-021 UPC86J001-001A/B MBA86J001H020 MBA88B001H023 MBA88E001-027 MBA89F001-030 IH-94L002-003A	12 16 24 32 24 37 43 7 24 24 79	3 13 22 31 23 20 41 2 13 16 43	184 46 230	February 2004 May 2005 May 2005 August 2005 September 2006 September 2006 September 2006 February 2008 May 2008 June 2009 November 2014	EA-6B
M939	Mk 87 Mod 0	MBA84B001-013 MBA85E001-015 MBA85E001-017 MBA85H001-018 MBA86J001H020 MBA86J001-021 UPC86J001-001A/B MBA88B001H023 MBA88E001-025 MBA88E001-028 MBA88H001H029 MBA88E001-030 MBA89F001-031 IH-94L002-003A	6 8 12 25 27 12 25 6 11 10 3 12 11 26	4 6 10 22 30 11 6 6 0 6 1 7 0 6	109 6 115	February 2004 May 2005 May 2005 August 2005 September 2006 September 2006 September 2006 February 2008 May 2008 May 2008 August 2008 May 2008 June 2009 November 2014	EA-6B
M940	Mk 88 Mod 0	MBA84B001-013 MBA85E001-015 MBA85E001-017 MBA85H001-018 MBA86J001-021 MBA88E001-025 MBA88B001023 MBA88E001-027 MBA89F001-030 MBA00L002-031 IH-94L002-003A IH-94L002-004	6 8 12 31 13 12 6 12 24 46 49 25	1 6 13 16 11 12 0 7 7 18 30 1	84 31 115	February 2004 May 2005 May 2005 August 2005 September 2006 May 2008 February 2008 May 2008 June 2009 November 2020 November 2014 November 2014	EA-6B

Table IV—Continued*[As of 30 June 2003]*

DODIC	Model	Lot No.	Lot quantity	Quantity installed	Total installed	Expired date	Aircraft type
MU75	Mk 90 Mod 1	IH-99H001-005 IHM00B002-006 UPC00E001-002	106 110 22	72 51 22	152	August 2006 April 2007 May 2007	S-3B
MD68	Mk 100 Mod 0	MBA86G001-012 MBA86G001-013 MBA86G001-015 MBA86J001-016 MBA86M001-017 MBA86J001-018 MBA86J001-020 MBA87K001-024 MBA87K001-025 MBA88B001-026 MBA88G001-027 MBA88B001-028 MBA88G001-029 MBA88G001-031 MBA89A001-033 MBA89B001-032 MBA89F001-034 MBA91B001-038 MBA93C002-040 MBA94C003-041 MBA96L003-047 MBA99M003-050	57 47 30 56 29 18 7 21 15 23 5 11 55 16 128 66 8 66 182 46 47 19	17 8 3 8 9 6 2 10 6 20 1 3 45 3 66 58 6 81 13 4 0	419	July 2004 July 2004 July 2004 September 2004 December 2004 September 2004 September 2004 October 2005 October 2005 February 2006 July 2006 February 2006 July 2006 July 2006 January 2007 February 2007 June 2007 February 2009 March 2011 March 2012 November 2015 December 2017	FA-18A/B/C/D
MD69	Mk 101 Mod 0	MBA86G001-012 MBA86G001-013 MBA86J001-020 MBA86M001-017 MBA87K001-024 MBA87K001-025 MBA88B001-026 MBA88G001-029 MBA89A001-033 MBA89B001-032 MBA91B001-038 MBA93C002-040 MBA94C003-041 MBA96L003-047 MBA93M003-050	2 11 8 7 2 3 7 8 25 30 57 23 33 47 15	0 0 2 2 2 2 6 6 7 20 12 5 21 0 0	85	July 2004 July 2004 September 2004 December 2004 October 2005 October 2005 February 2006 July 2006 January 2007 February 2007 February 2008 March 2011 March 2012 November 2015 December 2017	FA-18B/D
MF21	Mk 79 Mod 1	TAC93L001-056 TAC97D001-001 TAC97J002-001 IH-98A003-002 TAC99H002-002 IH-99M002-003 TAC00L002-003 TAC01E002-004 TAC01E002-005 TAC01K002-006 TAC01K002-007 TAC01M002-008 TAC02A002-009 TAC02E002-010	18 135 171 110 261 50 30 50 28 53 40 20 8 12	2 75 148 33 64 2 0 0 0 0 0 0 0 0	324	November 2004 April 2008 September 2008 January 2009 August 2010 December 2010 November 2011 May 2012 May 2012 October 2012 October 2012 December 2012 January 2013 May 2013	AV-8B/TAV-8B

Table IV—Continued*[As of 30 June 2003]*

DODIC	Model	Lot No.	Lot quantity	Quantity installed		Total installed	Expired date	Aircraft type
				NACES	Non-NACES			
MF56	Mk 109 Mod 0	UPC92G001-035	45	26	0	26	July 2003	
		UPC92G001-036	343	10	233	243	July 2003	
		UPC92K001-038	49	26	0	26	October 2003	
		UPC93A001-039	35	19	0	19	January 2004	
		UPC93C001-041	48	32	0	32	March 2004	
		UPC93J001-042	25	25	0	25	September 2004	
		TAC94A002-001A	15	2	0	2	January 2005	
		UPC94D001-043	60	57	0	57	April 2005	
		UPC95D001-044	29	29	0	29	July 2006	
		UPC95G001-045	27	27	0	27	July 2006	
		UPC95H001-046	25	24	0	24	August 2006	
		UPC95L001-047	20	20	0	20	November 2006	
		UPC96B001-048	48	0	46	46	February 2007	
		UPC96C001-049	8	8	0	8	March 2007	
		UPC96G001-050	195	67	111	178	March 2007	
		UPC96E001-051	18	16	0	16	May 2007	
		UPC97B001-053	18	17	0	17	February 2008	
		UPC97G001-054	16	14	0	14	July 2008	
		UPC97G001-055	6	4	0	4	July 2008	
		UPC98B001-056	54	54	0	54	February 2009	
		UPC99B001-057	51	32	0	32	February 2010	
SS67	Mk 109 Mod 1	IH-98D001-001	57	4	44	48	April 2009	
		TAC99D001-002	250	70	164	234	April 2010	
		TAC00A001-003	273	130	96	226	January 2011	
		TAC01H001-005	109	66	24	90	August 2012	
		TAC01K001-006	60	29	37	66	October 2012	
		TAC01M001-007	2	0	2	2	December 2012	
		TAC02K001-008	50	3	26	29	March 2013	
		TAC02M002-001	8	0	8	8	December 2013	
				822	793	1,615		FA-18A/B/C/D/E/F
MF57	Mk 84 Mod 2	TAC90M001-005A	213		39		December 2003	
		TAC93L001-006A	107		72		November 2006	
		TAC95J001-007A	86		83		September 2008	
		TAC96H001-001A	286		217		August 2009	
		TAC00K001-008	96		0		October 2013	
		TAC01G001-009	96		0		July 2014	
						411		S-3B
MG67	Mk 113 Mod 0	UPC99D001-001	237		160		April 2007	
		UPC00G001-002	32		6	166	July 2008	
		TAC98M003-001	64		7		December 2006	
MG67	Mk 113 Mod 1	TAC00J004-003	30		0		July 2008	
		TAC01H004-004	7		0	7	August 2009	
						173		AV-8B/TAV-8B
MS15	CKU-7/A	IH-95E001-046	8		6		May 2005	
		IH-96H001-048	5		2		August 2006	
		IH-99F001-049	21		21		June 2009	
		IHM00C001-051	46		23		March 2010	
		IHM00E001-052	22		5		May 2010	
						57		F-5E/F/T-38A
MT28	Mk 121 Mod 0	ESD00A001-001	86		54		January 2007	
						54		TAV-8B

Table IV—Continued*[As of 30 June 2003]*

DODIC	Model	Lot No.	Lot-quantity	Quantity Installed			Total installed	Expired date	Aircraft type
				F-14D	F-18	T-45			
MT29	Mk 122 Mod 0	UPC97H003-005	192	24	68	57	149	August 2004	F-14D/FA-18C,E,F, T-45A,C
		MBA98J004-014	300	25	146	82	253	September 2008	
		MBA99J004-016	206	4	140	44	188	September 2009	
		MBA00F004-017	257	2	127	64	193	June 2010	
		UPC01E005-001	271	0	41	49	90	May 2011	
		Totals		55	522	296	873		
MT30	Mk 123 Mod 0	MBA89F001-003	31	0	2	0	2	June 2004	F-14D/F-18C,D,E,F T-45A, C
		MBA89F001-005	16	0	0	0	0	June 2004	
		MBA90H001-006	35	12	9	3	24	August 2005	
		MBA90H001-007	6	0	0	1	1	August 2005	
		MBA90K001-008	50	8	15	5	28	October 2005	
		UPC90L001H001B	17	1	1	3	5	November 2005	
		MBA91J001-009	21	4	6	1	11	September 2006	
		UPC91K001H002A	14	2	3	1	6	October 2006	
		MBA92C001-010	10	0	0	5	5	March 2007	
		UPC93E002H005	27	22	1	1	24	May 2008	
		MBA93F002-011	54	9	12	32	53	June 2008	
		UPC94B003H006	80	6	15	21	44	February 2009	
		MBA95C003-012	236	3	8	13	24	March 2010	
		MBA96C003-013	71	0	7	7	14	March 2011	
		MBA97G003-014	33	1	18	14	33	July 2012	
		MBA98J003-017	33	0	13	9	22	September 2013	
		MBA99H003-019	53	0	24	18	42	August 2014	
		MBA01A003-020	47	0	11	14	25	January 2016	
		MBA01E003-024	277	0	4	2	6	May 2016	
		Totals		68	149	150	367		
MT31	Mk 124 Mod 0	MBA89F001-004	57	0	4	0	4	June 2004	F-14/F-18/T-45
		MBA89F001-005	7	0	0	0	0	June 2004	
		MBA90H001-006	68	12	26	3	41	August 2005	
		MBA90H001-007	36	0	15	0	15	August 2005	
		MBA90K001-008	91	12	26	4	42	October 2005	
		UPC90L001H001B	36	1	3	2	6	November 2005	
		MBA91J001-009	34	1	19	4	24	September 2005	
		UPC91K001H002A	29	1	3	2	6	October 2006	
		UPC91K001H003	6	0	0	0	0	October 2006	
		MBA92C001-010	27	0	10	5	15	March 2007	
		UPC93D002H004	62	1	6	2	9	April 2008	
		MBA93F002-011	104	8	67	20	95	June 2008	
		UPC94B003H005	142	2	39	24	65	March 2009	
		MBA95C003-012	165	6	90	8	104	March 2010	
		MBA96C003-013	71	0	13	8	21	March 2011	
		MBA97G003-014	70	2	43	21	66	July 2012	
		MBA98J003-017	66	0	24	16	40	September 2013	
		MBA99H003-019	84	0	40	16	56	August 2014	
		MBA01A003-020	76	0	22	7	29	January 2016	
		Totals		46	450	142	638		

Table IV—Continued*[As of 30 June 2003]*

DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total installed	Expired date	Aircraft type
XW36	Mk 205 Mod 1	TAC95G001-002	112	26	72	July 2003	AV-8B/NAV-8B/ TAV-8B
		TAC95J001-003	69	19		September 2003	
		TAC96A001-004	36	27		January 2004	
XW36	Mk 205 Mod 2	TAC98M002-001	77	53	51	December 2006	
		TAC98M002-002	50	44		December 2006	
		TAC00B002-003A	60	3		February 2008	
		TAC01B002-004	126	0		February 2009	
		TAC01G002-006	24	0		July 2009	
					172		
MT32	P/N 50436-11	TAC01B001-032	2	2	2	February 2011	F-16A, F-16B
		TAC01L001-035	12	12	12	November 2011	
					14		
MT47	CKU-5B/A	IHM01E001-024	14	14	14	MAY 2005	F-16A, F-16B
MD99	P/N 1143-3	UPC96G001-024	14	14	14	July 2005	F-16A, F-16B
ME80	P/N J114716-1	UPC00D001-002	14	14	14	April 2007	F-16A, F-16B
ME81	P/N J114716-502	OAC01D001-067	14	14	14	April 2007	F-16A, F-16B